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Kasai

(54) DRIVING CIRCUIT, ELECTRO-OPTICAL DEVICE, METHOD OF DRIVING THE SAME, AND ELECTRONIC APPARATUS

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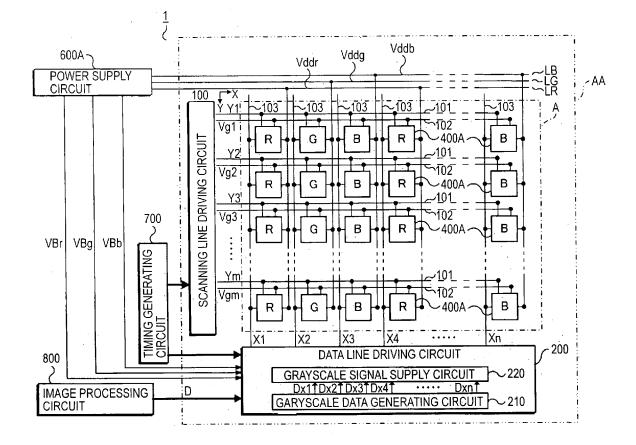
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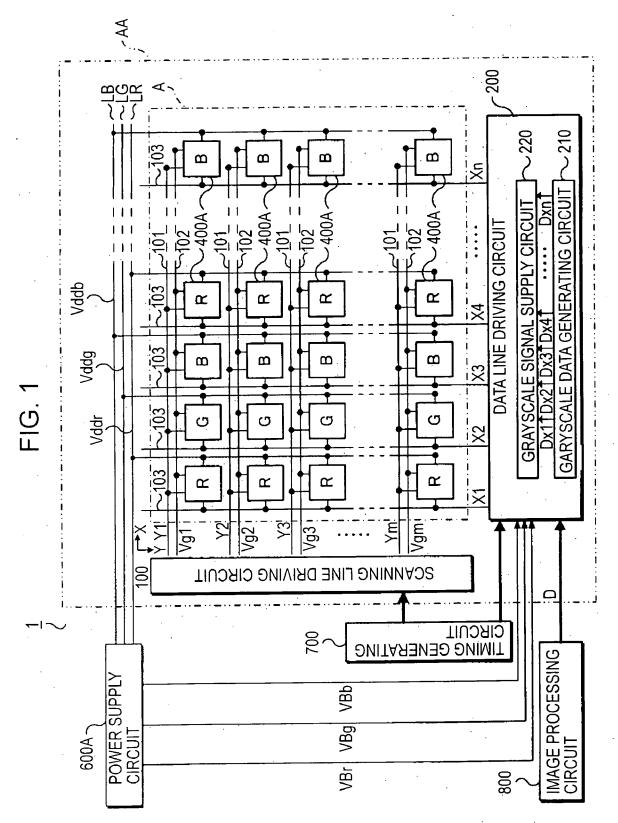
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(57) ABSTRACT

When respective bits of grayscale data Dx1 are '0' which represents black, upon detection, a NOR circuit of a voltage supply circuit sets an output signal active. Then, a transistor is turned on, and a black voltage VBr is supplied to a data line. By this embodiment, since all transistors of a current supply circuit are turned off, a current is not outputted. Meanwhile, in the case in which a grayscale level to be displayed is other than black, a current Idata is outputted from the current supply circuit.



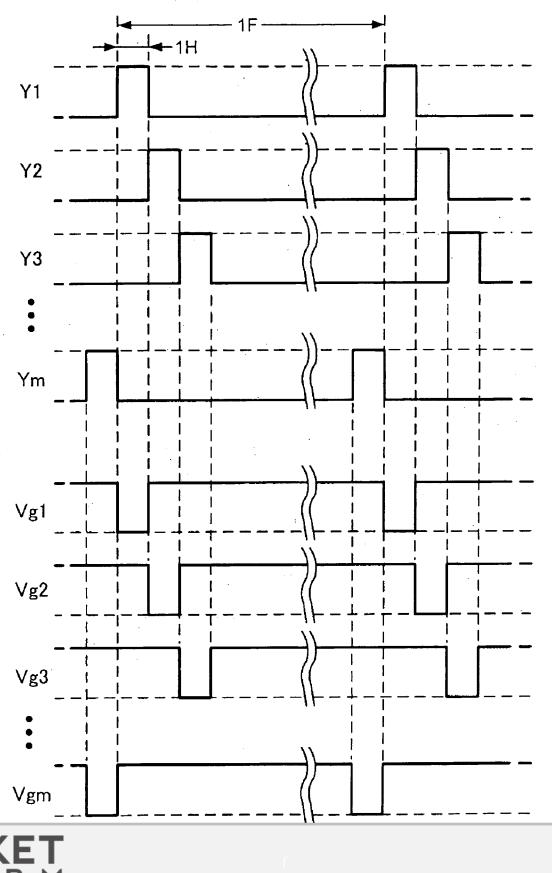


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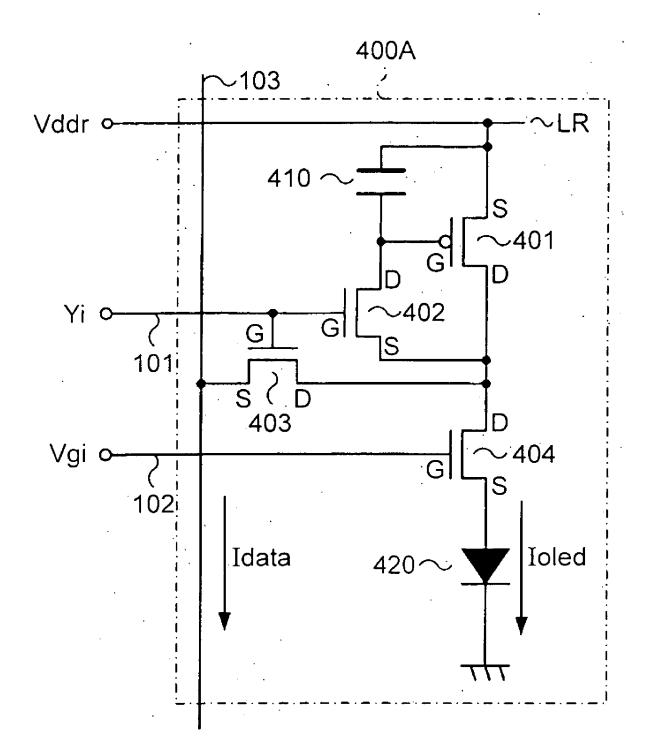
FIG. 2



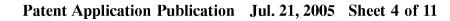
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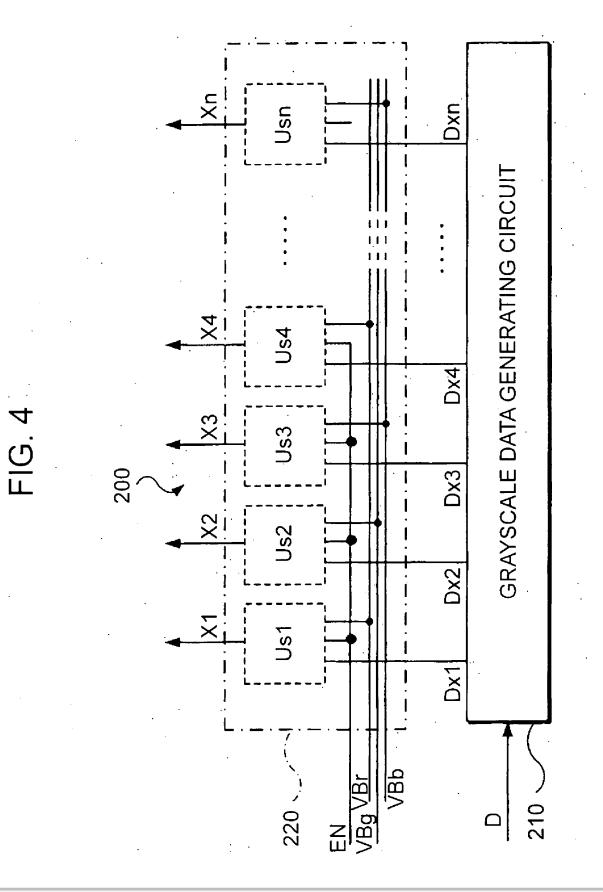
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FIG. 3



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